Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 07 Jul 2022 until 23:59 on Friday 08 Jul 2022

Forecast Issued on Wednesday 06 Jul 2022 at 13:53

Confidence: High for a fine and dry period but low for any cloud amounts and timings.

Headline for Thursday 07 Jul 2022: A fine and dry day with developing sunshine.

Mountain weather hazards on Thursday 07 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny	Sunny	Partly cloudy (night)
Precipitation probability							
60%	30%	20%	10%	10%	<05%	<05%	10%

Forecast for Thursday 07 Jul 2022

Weather: A weak band of rain will move through the region around midnight. The rain will be short-lived, light and patchy, but will followed by large amounts of cloud. These will however break and lift during the morning, allowing plenty of sunshine in the afternoon and early evening. Feeling warmer than Wednesday.

Chance of cloud-free hill tops above 600m: 40% becoming 95% by midday in the west, generally 95% throughout in the east.

Low cloud and visibility: Mediocre in cloud initially, particularly in the northwest of the Park, with bases as low as 450-500m. Very good below the cloud and at all heights later as the cloud lifts above summits, with excellent panoramic views.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 07 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 W	15/21 NW	12/17 NW	9/13 NW	11/17 W	13/20 W	15/22 W	14/20 W	14/21 W
300	17/26 NW	12/20 NW	10/15 NW	8/12 NW	10/15 W	12/19 W	12/19 W	10/16 W	11/17 W
Valley	13/25 NW	9/19 NW	7/14 NW	6/11 NW	9/16 W	10/19 W	10/19 W	8/15 W	8/16 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	9/6	10/7	12/10	14/12	15/13	14/11	12/9	11/8
300	12/10	12/10	12/10	14/13	16/15	17/15	16/14	14/12	13/12
Valley	13/11	12/11	13/12	15/14	18/16	19/17	17/15	15/14	14/13
Freezing Level*	2700m	2600m	2600m	2600m	2900m	3100m	3300m	3300m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility at first, particularly in the northwest, making navigation difficult for a time. Strong sunlight where cloud breaks during the afternoon, thus adequate protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 05 Jul 2022	0.8mm	0.8mm	2mm

Forecast for Friday 08 Jul 2022

Weather: A fine and dry day with plenty of sunshine, albeit on the cloudy side at first. Warm in the valleys.

Maximum wind: West to northwest 15mph with gusts 25-30mph.

Chance of cloud-free hill tops above 600m: 30% becoming 95% by midday in the west, generally 95% throughout in the east.

Low cloud and visibility: Mediocre in cloud initially, particularly in the northwest of the Park, with bases as low as 500m. Very good below the cloud and at all heights later as the cloud lifts above summits, with excellent panoramic views.

Temperature: **Valleys:** Plus 13 becoming 21 Celsius
At 600m: Plus 10 becoming 15 Celsius
Freezing level: Above summits.

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